

Translated English of Chinese Standard: Q/BQB484-2019

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BQB

ENTERPRISE STANDARD OF

BAOSHAN IRON AND STEEL CO., LTD

Q/BQB 484-2019

Replacing Q/BQB 484-2018

Cold-Rolled Steel Sheet and Strip for Magnetic-Pole of Water-Wheel Electric Generator Use

水轮发电机磁极用冷连轧钢板及钢带

Issued on: February 02, 2019

Implemented on: April 10, 2019

Issued by: Baoshan Iron and Steel Co., Ltd.

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Foreword

This Standard was drafted as per the rules specified in GB/T 1.1-2009 *Directives for Standardization – Part 1: Structure and Drafting of Standards*.

This Standard was formulated by reference by IEC 60404-8-5:1989.

This Standard replaced Q/BQB 484-2018.

Compared with Q/BQB 484-2018, this Standard made the following content modifications as follows:

- Supplement the national standard reference documents related to the compositions;
- Supplement the information required for ordering;
- Add Designation B550TF179 and its corresponding technical requirements;
- Adjust the lower limit of supply thickness in Table 2 from 0.8mm to 0.7mm;
- Supplement the control requirements for chemical compositions in Table 3;
- Add Appendix A Comparison List of Similar Designations.

This Standard's Appendix A is informative.

This Standard was proposed by Manufacture and Management Department of Baoshan Iron and Steel Co., Ltd.

This Standard shall be under the jurisdiction of Manufacture and Management Department of Baoshan Iron and Steel Co., Ltd.

Drafting organization of this Standard: Manufacture and Management Department of Baoshan Iron and Steel Co., Ltd.

Modifying and drafting staffs of this Standard: Yuan Min, Liu Peican.

The historical editions replaced by this Standard are as follows: Q/BQB 484-2009, Q/BQB 484-2014, Q/BQB 484-2015, Q/BQB 484-2018.

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1 Compositions

Table 3

Designation	Chemical composition (smelting analysis) % (mass fraction)					
	C	Si	Mn	P	S	Alt
B250TF183	≤0.18	≤0.30	≤1.20	≤0.025	≤0.015	≥0.015
B300TF182	≤0.18	≤0.35	≤1.60	≤0.025	≤0.015	≥0.015
B350TF181	≤0.18	≤0.40	≤1.60	≤0.025	≤0.015	≥0.015
B400TF180	≤0.18	≤0.40	≤1.60	≤0.025	≤0.015	≥0.015
B450TF179	≤0.20	≤1.00	≤1.70	≤0.050	≤0.015	≥0.015
B500TF179	≤0.20	≤1.00	≤1.70	≤0.050	≤0.015	≥0.015
B550TF179	≤0.20	≤1.00	≤1.70	≤0.050	≤0.015	≥0.015

2 Mechanical Properties

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